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*Patricia Meade*  
PATRICIA MEADE

Applicant: James Patrick Siepmann  
Serial No.: 09/474,522  
Filed: December 29, 1999  
Title: LIGHT CLOCK  
Examiner: Miska, V.  
Group Art Unit: 2859  
Atty Docket No.: 12236-01/JWE

PATENT

*g/a*  
*D. Scott*  
*10-17-01*

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7680  
Newport Beach, CA 92660-6441  
October 9, 2001

Commissioner:

In response to the Office Action dated April 12, 2001, Applicant respectfully responds as follows:

IN THE CLAIMS

Please cancel claims 14, 16 and 23.

Please amend claims 1, 15, 24, 27, 28 and 29 as follows:

- a'*
1. A light clock, comprising:
    - (a) a light pulse transmission device having a light pulse entry point and a light pulse exit point;
    - (b) a light pulse source for generating a light pulse into the light pulse entry point;
    - (c) a light pulse detector for detecting the light pulse at the light pulse exit point and providing an output signal upon light pulse detection;
    - (d) a counter which is incrementally increased upon receipt of the output signal of the light pulse detector; and